

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

Appl. No.: 10/687,213
Applicant(s): Lance A. TATMAN et al.
Filed: October 15, 2003
TC/A.U.: 2616
Examiner: Kevin C. Harper
Atty. Docket: 10030378-1
Confirmation No.: 7146

Title: METHOD AND SYSTEM FOR CENTRALIZED COLLECTION LINK STATE
ROUTING PROTOCOL DATA

RESPONSE TO NOTICE OF NON-COMPLIANT APPEAL BRIEF

Honorable Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In connection with the Appeal Brief, dated July 24, 2008, and further to the Notification of Non-Compliant Appeal Brief, mailed October 20, 2008, Applicants submit the subject Appeal Brief Supplement in the above-captioned application, to address the non-compliance. Applicants provide the following, each beginning on a separate sheet:

I. Replacement Section

II. Remarks/Discussion of Issues

I. Replacement Section

5. Summary of the Claimed Subject Matter¹

In accordance with an embodiment, an autonomous system (Fig. 2, 200) includes two or more areas (Fig. 2, 202-206), wherein each area includes a router (Fig. 2, 208-222; page 5, lines 6 – 11), and a probe (Fig. 2, 224) logically connected to the router in each area and configured to receive link state routing protocol data from the router (Fig. 2, 208-22) in each area (Fig. 2, 202-206), when the router in each area floods the link state routing protocol data throughout the autonomous system (Fig. 2, 200). (Kindly refer to page 5, line 6 – page 6, line 20, as well as claim 1 and Figs. 2-4, for further details.)

In accordance with another embodiment, a system for monitoring link state routing protocol data (Fig. 2, 200) includes two or more areas to be monitored (Fig. 2, 202-206), wherein each area includes a router (Fig. 2, 208-222); and a probe (Fig. 2, 224) logically connected to and at least partially adjacent to the router (Fig. 2, 208-222; page 5, lines 6 – 11; page 6, lines 5-20) in each area (Fig. 2, 202-206) and configured to receive link state routing protocol data from the router (Fig. 2, 208-222; page 5, lines 17-29) in each area (Fig. 2, 202-206) when the router (Fig. 2, 208-222) in each area floods the link state routing protocol data (page 7, lines 21-26) throughout the autonomous system (Fig. 2, 200). (Kindly refer to page 5, line 6 – page 6, line 20, as well as claim 5 and Figs. 2-4, for further details.)

In accordance with another embodiment, a method for centralized collection of link state routing protocol data from a plurality of areas (Fig. 2, 202-206) (Fig. 5) includes selecting a router (Fig. 2, 208-222) (Fig. 5, 500) in each area (Fig. 2, 202-206) from which to collect link state routing protocol data corresponding to the area (Fig. 2, 202-206); and establishing a logical connection and at least partial adjacency between the

¹ In the description to follow, citations to various reference numerals, drawings, and corresponding text in the specification are provided solely to comply with Patent Office rules. It is emphasized that these reference numerals, drawings, and text are representative in nature, and not in any way limiting of the true scope of the claims. It would therefore be improper to import anything into any of the claims simply on the basis of illustrative language that is provided here only under the obligation to satisfy Patent Office rules for maintaining an Appeal.

selected router (Fig. 2, 208-222) in each area and a probe (Fig. 2, 224; page 6, lines 5-20) (Fig. 5, 502-504) to allow the probe to receive the link state routing protocol data from the selected router in each area (Fig. 2, 202-206). (Kindly refer to page 7, line 27 – page 10, line 20, as well as claim 11 and Figs. 5-8, for further details.)

In accordance with another embodiment, with respect to the method for centralized collection of link state routing protocol data from a plurality of areas (Fig. 2, 202-206) (Fig. 5), establishing a logical connection between the selected router (Fig. 2, 208-222) in each area and a probe (Fig. 2, 224; page 6, lines 5-20) (Fig. 5, 502-504) includes configuring multiple sub-interfaces on the probe, the sub-interfaces corresponding to the plurality of areas (Fig. 6, 600). Also, an IP tunnel is configured from an interface on each selected router to the corresponding sub-interface on the probe (Fig. 6, 602-604). (Kindly refer to page 8, line 10 – page 9, line 4, as well as claim 12 and Figs. 5-8, for further details.)

II. Remarks/Discussion of Issues

The Replacement Section, provided above, includes concise explanation of subject matter for dependent claim 12, in addition to independent claims 1, 5 and 11 (previously presented).

Applicants note that the Notification of Non-Compliant Appeal Brief references MPEP § 1205.03, which provides, in part: “When the Office holds the brief to be defective solely due to appellant’s failure to provide a summary of the claimed subject matter as required by 37 CFR 41.37(c)(1)(v), an entire new brief need not, and should not, be filed. Rather, a paper providing a summary of the claimed subject matter as required by 37 CFR 41.37(c)(1)(v) will suffice.” Accordingly, the subject Appeal Brief Supplement includes only a replacement of Section 5 of the Appeal Brief, entitled “Summary of the Claimed Subject Matter.”

If any issues remain that may be addressed by telephone, the Examiner is requested to contact the undersigned at the telephone number below.

Respectfully submitted on behalf of:
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/Van C. Ernest/

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